Mountain Weather Forecast

Snowdonia National Park

Forecast valid from 00:00 on Wednesday 15 Sep 2021 until 23:59 on Thursday 16 Sep 2021

Forecast Issued on Tuesday 14 Sep 2021 at 15:01

Confidence: High confidence for a more settled period of weather on Wednesday and Thursday before rain arrives from the west on Friday. Low confidence in cloud, mist and fog details and generally low confidence from Saturday.

Headline for Wednesday 15 Sep 2021: Valley fog at first, otherwise dry with sunny spells.

Mountain weather hazards on Wednesday 15 Sep 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Clear night	Sunny	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	<05%	20%	20%

Forecast for Wednesday 15 Sep 2021

Weather: Partly cloudy skies during the early hours but most cloud clearing to leave largely clear skies for a time. Mist and fog is likely to form later in the night in the valleys and this may become locally dense by dawn. Some poor visibilities on the valley floors at first on Wednesday with the mist and fog lifting to low cloud during the morning. Above this layer of cloud/fog and it will be a mostly sunny start to the day. The low cloud will break later in the morning to leave the remainder of the day dry with sunny spells and cloudier periods. Just a slim chance of a shower by the evening, mainly in the Snowdon Range.

Chance of cloud free mountain/hill tops above 800m: 80% but briefly lowering to 60% mid-morning as the low cloud/fog lifts. Lowering to 30% across the Snowdon Range from 1700.

Visibility: Very poor in patches of dense fog and low cloud below 400m at first. Excellent visibilities on higher slopes. Low cloud lifting to affect some slopes around 500-600m for a time mid-morning, with the odd patch possible above 800m through the afternoon. Visibility becoming poor on slopes above 450-550m in the Snowdon Range during the evening. Elsewhere, very good visibilities for much of the day with excellent air clarity in most places.

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Forecast for Wednesday 15 Sep 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	6/7 NW	9/11 N	7/9 NE	5/7 SW	6/10 W	9/13 W	9/12 SW	10/14 SW	9/12 SW
600	4/5 SE	4/6 NE	4/6 NE	4/7 SW	6/9 W	7/12 W	7/10 SW	7/11 SW	7/10 SW
300	2/3 E	2/4 W	3/4 SE	2/4 SW	5/9 W	6/11 W	4/8 SW	4/9 SW	4/9 SW
Valley	2/3 S	2/4 SW	2/4 S	2/4 W	5/8 NW	6/10 NW	3/6 W	5/10 SW	5/11 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	10/8	9/7	9/7	10/9	11/10	11/10	10/8	10/8	10/8
600	11/11	11/10	11/10	12/11	13/13	14/12	12/11	12/10	12/10
300	13/13	12/12	12/11	14/14	16/15	16/15	14/14	14/13	13/13
Valley	14/14	13/13	13/13	15/15	17/17	17/16	16/16	15/14	14/14
Freezing Level*	2500m	2500m	2500m	2500m	2500m	2400m	2500m	2500m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

The values in the table above generally look reasonable, however valley temperatures may dip into single figures around dawn. This will give a temperature inversion, which will in turn help to keep most summits cloud free at first on Wednesday, and restrict any fog to the valleys. This will then disperse by late morning leaving a fine day for hill walking.

Forecast for Thursday 16 Sep 2021

Weather: Mist and fog patches forming through the early hours but also areas of low cloud spreading across the area. A misty and murky start to the day in places but also sunny spells in some areas. Low cloud, mist and fog lifting to leave another largely fine day with a mixture of sunny periods and patchy cloud. Cloud thickening during the evening with a freshening south-westerly breeze.

Maximum wind: South-westerly 10-15mph, locally 20-25mph by the evening.

Chance of cloud free mountain/hill tops above 800m: 30% becoming 70%

Visibility: Periods of cloud above 500m and patchy valley mist and fog at first will give very poor visibilities in places. Mist and fog at low levels lifting and clearing and cloud lifting to become patches above 800m by the afternoon

Temperature: **Valleys:** Plus 11 Celsius rising to plus 19 Celsius
At 800m: Plus 12 Celsius
Freezing level: Well above the summits

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Ground Conditions Supplement
Please see - https://www.eryri.llyw.cymru/visiting/walking/ground-conditions
Issued at: 1501 on Tue 14 Sep 2021

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